

# CIRCULIC RO



Lubrication



**BEHTAM**  
RAVANKAR

R and O type machine oils.

## APPLICATIONS

**Oils of type R&O for moving parts**

- **CIRCULIC RO** oils are mineral oils containing additives with appropriate viscosities for lubricating moving parts operating under severe temperature conditions:
  - fluid grades: systems operating at high speed: textile machinery, machine tools, and hydraulic circuits requiring a category HL oil.
  - viscous grades: lubrication of bearings and gears not requiring anti-wear and extreme-pressure properties.

## SPECIFICATIONS

Meets the requirements of

- ISO 6743/4 Category HL
- ISO 6743/6 Category CKB
- ISO 11158 Category HL
- ISO 12925-1 Category CKB

## ADVANTAGES

- High natural viscosity index
- Good compatibility with seals
- Very good demulsification properties
- Excellent anti-foaming, anti-corrosion and anti-oxidation properties.

TYPICAL CHARACTERISTICS	METHODS	UNITS	CIRCULIC RO							
			32	46	68	100	150	220	320	460
Density at 15 °C	ASTM D 4052	kg/m <sup>3</sup>	876	881	887	891	895	897	899	903
Viscosity at 40 °C	ASTM D 445	mm <sup>2</sup> /s	32.30	46.30	67.70	100	150	212.70	310.90	429.50
Viscosity at 100 °C	ASTM D 445	mm <sup>2</sup> /s	5.44	6.81	8.75	11.6	14.44	18.36	23.3	28.93
Viscosity index	ASTM D 2270		102	101	101	90	90	90	90	90
Open cup flash point	ASTM D 92	°C	228	234	250	266	288	276	290	312
Pour point	ASTM D 97	°C	- 30	- 27	- 21	- 21	- 21	- 21	- 21	- 15

Above characteristics are mean values given as an information.